

Title (en)
PROCESS AND NOZZLE FOR PROVIDING A CARBURATED MIXTURE AT IDLE RUNNING OF AN EXPLOSION ENGINE.

Title (de)
VERFAHREN UND DÜSE ZUR HERSTELLUNG EINER KARBURIERTEN MISCHUNG BEIM LEERLAUF EINER BRENNKRAFTMASCHINE.

Title (fr)
PROCEDE ET GICLEUR POUR LA REALISATION D'UN MELANGE CARBURE DE RALENTI DANS UN MOTEUR A EXPLOSION.

Publication
EP 0032900 A1 19810805 (FR)

Application
EP 80901072 A 19810209

Priority
FR 7919281 A 19790726

Abstract (en)
[origin: WO8100281A1] The process consist in effecting the carburated mixture in two phases: a premixture phase in a turbulence chamber (10) consisting in mixing the fuel flow C<ur>u with a make-up flow A<ua>u, small with respect to the idling airflow A<ur>u with a view to obtaining a highly carburated premixture, and a final mixture phase effected in a second chamber, said mixture chamber (5) consisting in mixing the premixture M<up>u to the idling airflow A<ur>u. A needle (11) allows the adjustment of the flow of fuel in according to the engine running conditions.

Abstract (fr)
Le procede consiste a effectuer le melange carbure en deux phases: une phase de premelange dans une chambre de turbulence (10) consistant a, melanger le debit de carburant Cr avec un debit d'appoint Aa, faible par rapport au debit d'air de ralenti Ar en vue d'obtenir un premelange fortement carbure, et une phase de melange final realisee dans une seconde chambre, dite chambre de melange (5) consistant a melanger le premelange Mp au debit d'air de ralenti Ar. Un pointeau (11) permet d'adjuster le debit de carburant en fonction du regime du moteur.

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F02M 3/08

IPC 8 full level
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CPC (source: EP US)
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